

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claims 1-11 (canceled).

12. (new) A program control system for operating a workflow server program and an application program in relation to each other,

wherein said workflow server program obtains an operation status of said application program, said operation status being a work ready status, a work performing status and a work completed status,

wherein said application program transmits management information to said workflow server program in response to said operation status,

wherein said application program transmits a work identifier (ID) and a subject ID of a work and a subject to be processed by said application program and information of said operation status to said workflow server program upon timing of occurrence of each of a plurality of events,

wherein, upon reception of said management information, said workflow server program updates, for each work ID, an application program stored in association with said work ID and management information including an ID of a subject to be processed by said application program associated with said work ID, information of said operation status, a work start time and a work completed time, and

wherein, when a working period calculated from said work start time and said work completed time exceeds a predetermined period, said workflow server program indicates a work ID, a subject ID and a processing time of said application program for judgment to determine whether a failure has occurred in said application program.

13. (new) A method of controlling a program control system for operating a workflow server program and an application program in relation to each other, said method comprising the steps of:

obtaining an operation status of said application program, said operation status being a work ready status, a work performing status and a work completed status;

transmitting management information to said workflow server program in response to said operation status;

transmitting a work ID and a subject ID of a work and a subject to be processed by said application program and information of said operation status to said workflow server program upon timing of an occurrence of each of a plurality of events; and

upon receiving said management information, updating by said workflow server program, for each work ID, an application program stored in association with said work ID and management information including an ID of a subject to be processed by said application program associated with said work ID, said

information of said operation status, a work start time and a work completed time;
and

when a working period calculated from said work start time and said work completed time exceeds a predetermined period, said workflow server program indicates a work ID, a subject ID and a processing time of said application program for judgment to determine whether a failure in said application program has occurred.

14. (new) A program comprising:

a workflow server program; and

an application program,

wherein said workflow server program comprises:

a function of obtaining an operation status of said application program, said operation status being a work ready status, a work performing status and a work completed status,

a function that upon reception of management information from an application program, said workflow server program updates, for each work ID, an application program stored in association with said work ID and management information including an ID of subject to be processed by said application program associated with said work ID, information of said operation status, a work start time, and a work completed time, and

a function that when a working period calculated from said work start time and said work completed time exceeds a predetermined period, said workflow server

program indicates a work ID, a subject ID and a processing time of said application program for judgment to determine whether a failure in said application program has occurred, and

wherein said application program comprises:

a function of transmitting management information to said workflow server program in response to said operation status, and

a function of transmitting a work ID and a subject ID of a work and a subject to be processed by said application program and information of said operation status to said workflow server program upon a timing of an occurrence of a plurality of events.